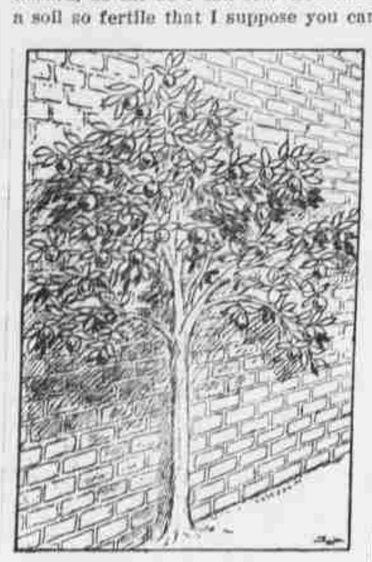
Farm and Garden

CAREFUL FRUIT GROWING.

The French Obtain Better Results Than the Americans.

"In this country," says a French visitor, "you just put things in the ground and let them grow more or less haphazard, as far as I can see. You have a soil so fertile that I suppose you can



PEACH TREE TRAINED ON WALL.

dispense with much that is necessary in our old country. But, all the same, I think the fruit might be benefited if you did some of the things that every French grower does. France is the country of detail, you know, and we think it pays in fruit growing just as it does in cooking.

"The fruits we pet and pamper most are the peach and the grape. The majority of peaches grown in this country would seem to a Frenchman to be distinctly of the second order—that is, in the language of his fruit culture, a peach 'de plein vent,' or one grown on trees in an orchard. Between peaches grown thus, 'open to the wind,' and those trained on trellises against walls the French make a sharp distinction.

"The trellis, or 'espalier,' peaches are the only ones that appear on a carefully regulated table and are universally cultivated. They always command a much higher price than the tree peach, and at Montreuil the fruit has been brought to such perfection that they habitually sell for from 40 to 80 cents apiece.

"Even more elaborate is the procedure with fine table grapes. Hothouse grapes are not highly in favor among French epicures, for they are held to lack the rich flavor of the fruit grown in the open. At the same time grapes are so much in demand as a table delicacy that it is desirable that their season should be prolonged as far as possible into the winter. The difficulty of this situation has been met by a system which, complicated as it is, is quite generally in use.

"The grapes are grown on trellises exposed to the sun and six or seven yards apart, like the peaches. When the clusters are ripe they are put with the stem and leaves in a sort of glass box or bottle, which is placed in a

DWARF PEACH TREE.

dark room. If the producer is growing for the market the bunches are looked at every day, for the slightest speck of imperfection will keep him from disposing of his stock to the best houses.

"The same care in lesser degree runs through all the French grower does in certain places, but only in a few. the apricot is treated with all the care shown to the peach. It is less profitable to grow, for it does not keep well except [illegible] of coating it with wax. The trees, however, are kept very carefully pruned and the production of each is limited.

"Growers can at once retard fruit and dwarf trees to such an extent that it is possible to purchase during the winter fruit actually growing on little trees small enough to be served, pot and all, on the table. Peaches thus grown (one on a tree only) cost about $20 a piece, other things in proportion, and the fruit is sold usually not to French people, but to visitors with more money than discretion, who think it smart to imitate what they consider the luxury of our gay capital.

"All this care of detail may seem absurd to you who have a country so large and so lavishly productive as America. Still, I think it is an open question whether even here, where 'time is money' so much more than it is in Europe, the expenditure of care and thought on some neglected details might not lead to the financial profit of some growers."

DWARF APPLES.

They Will Be Grown on Account of Their Convenience.

G. T. Powell of Columbia county, N. Y., has been conducting some interesting experiments on the value of dwarf apple trees in business orchards. It is the idea of Mr. Powell that trees of a low habit of growth will be required more and more because of the need of convenience for spraying and harvesting. The scale insects make it almost impossible to thoroughly treat large trees, and the cost of labor makes a saving at harvesting time of great importance.

Two styles of dwarf trees are under trial. The so called Paradise is very dwarf and is short lived. The Doucin stock is half dwarf, making trees sixteen to eighteen feet high, and promises good results in commercial orcharding. The trees are planted two or three inches below the union of stock and top. In Mr. Powell's orchard the trees of Paradise stock are set as fillers between those of the larger dwarf kind. The rows in the orchard are twenty feet apart and the trees ten in a row. The wide spaces between the rows allow plenty of room for cultivation by horsepower, while the trees in the rows will be thinned out as soon as they become crowded. The dwarf trees give fruit in a few years from planting, and the amount gradually increases. The small dwarf kind lasts six to eight years and the semidwarfs for about twenty years. For dwarf trees the Spitzenberg, Jonathan and McIntosh are found successful. They produce fruit of very fine appearance and quality, suitable for packing in boxes for the choicest trade. For the half dwarfs the Northern Spy, Roxbury Russet, Twenty Ounce, Astrakhan, Baldwin and Greening are satisfactory.

The dwarf trees must receive good culture, with plenty of plant food and careful cultivation. The soil is plowed and harrowed in the spring and is kept in a cover crop of clover during the summer. Scale and other insects are easily treated in the dwarf orchards. The idea appears so promising to Mr. Powell that he is pruning his larger trees on the dwarf plan, cutting back the tops of the standard trees in order to cause them to spread out and to remove the high parts of the tree, which make so much difficulty in spraying old trees.

Excellent Pasturage For Sheep.

The best pasture that we have ever used for our sheep, says Northwestern Agriculturist, has been some sown crop, like oats, mixed with rape. Young standing corn makes an excellent pasturage. Their close bite does no harm, and they do not trample down your feed as cattle do. Sheep, as is well known, are superior stock to turn upon a grainfield after harvest. They love the weeds. Here is the great benefit upon the farm in keeping sheep. About the only weed that they won't eat is the thistle. They convert an undesirable growth into good meat and wool. Fields that are to be so cleaned, however, must be properly fenced.

USEFUL SONG BIRDS.

Easy to Show They Have an Actual Money Value.

In his war against insects man's most valuable ally is the bird. The greater number of birds live on insects. Even those which live on seeds when fully grown are fed on insects while in the nest. As young birds grow fast it takes many a worm to satisfy their hearty appetites.

A feature of the warfare of bird on bug is the system with which it is carried on. Nothing is haphazard, but each species of bird has its own field of work and in many instances certain insects to which it is partial. In winter, when there seems to be no activity on the part of the insects, one might expect the birds to take a rest, but there is no cessation in the work of those which live on insects found on the bark of trees.

Watch a flock of chickadees. They alight in a tree and examine each twig

WHITE BREASTED NUTHATCH—RED HEADED WOODPECKER.

for grubs or eggs, the little black eyes rarely missing a mouthful of food. Birds even swing head down from the branches that the underside may not escape inspection. Nuthatches and brown creepers explore the trunk and with their long, sharp bills dig many an insect from its winter quarters. The woodpeckers have a work all their own. The small, downy woodpecker is a good representative of his family. His bill is strong and sharp. His tail feathers are stiffened to serve as a brace while he clings upright against the trunk. He cocks his head to one side, and his quick ears hear a borer under the bark. A few blows with the bill and a hole is dug; then a long tongue barbed at the tip is shot out, and the borer is speared and snatched from its resting place.

As insects increase with the coming of warmer weather, birds return from the south to fight them. One watches the cheerful robin hopping over the lawn. He listens an instant, then pokes his bill deep into the ground. Up comes his head, and he has captured a worm. The flicker, though a woodpecker, is an imitator of the robin. He is fond of ants, and his big bill makes a good pick to dig them from their hills. Meadow larks and quails live entirely on insects found close to the ground. Were these birds strictly protected in the southwest instead of being hunted the boll weevil might not have things quite so much his own way in the cotton fields.

The trees when in foliage are full of birds. Small warblers and vireos take care of eggs and little worms, while thrushes, orioles and catbirds attend to those of larger size. The rose breasted grosbeak earns the right to favor

ROSE BREASTED GROSBEAK—CATBIRD.

by the way he eats potato bugs. Some birds cannot eat hairy caterpillars, but they are a choice delicacy to the cuckoo, which slips quietly through the trees as it hunts for them.

Insects on the wing are not safe, for swallows and swifts in rapid flight skim back and forth over the meadows and without pausing catch many a small gnat. The birds called flycatchers also take their prey on wing, but they remain quiet on a perch and only swoop down on insects which come near at hand.

Farm Notes.

The prosperous farmer is seldom a soil robber.

The garden should be well drained and the soil should be warm if the best results are wanted.

A well cared for asparagus bed is a permanent feature, and it brings a lot of comfort to the one who has it.

There is room for improvement in the roads of the country. It doesn't take much money either.

Hints to Mushroom Growers.

In turning up a portion of a bed maggots may be discovered in the manure. A few may do no perceptible harm, but a large number will eat up the spawn, leaving not even a thread to develop a single mushroom. Many kinds of insects are apt to swarm in warm cellars, together with the egg laying varieties which cause the maggots, regardless of foul air which may often accumulate and which is an injury to the mushrooms. In each succeeding bed in large cellars insects follow up the new beds and become more vigorous. A high temperature such as we had last fall is conducive to their continued existence in summer garb. A good crop, however, can be secured in spite of them when the houses are kept at all times cool.

When mushrooms are grown in glass houses the return pipes are best run under the walks. In the usual way of heating, where the pipes run under the benches, paper placed over the beds will be found beneficial as a protector from excessive heat and drying. With good, vigorous spawn, properly prepared compost and care about the requirements of heat and moisture, a good crop is a positive certainty. There are garden crops equal to if not surpassing the mushroom as money makers to the producer, but no one need complain of well managed mushrooms.

Street Improvement Notice.

To Silas Orchard, Estate John Ellis, deceased, Wm. Ellis, Trustee, Mark Hayter, A. N. Hadley, Eliza Shelton, Mary E. Berg, J. Hanson, Emma Hanson, Mary E. Hayes, J. W. Boyer, Julia Boyer, Mabel Martin:

Notice is hereby given that the City Council of the City of Dallas, Oregon, contemplates the passage of an ordinance requiring the improvement of those certain streets or parts of streets in said city, adjacent to and adjoining the herein below described lots or parts of lots or parcels of ground in the manner following, to-wit: By the construction of a new sidewalk 5 feet 4 inches wide (1) on the west side of Stump Street adjoining lots 2, 3 and 4, Block 17, in Ellis Addition to Dallas; (2) on the west side of Stump Street adjoining Lot 5 Block 17, in Ellis Addition to Dallas; (3) on the South side of Ash Street, adjoining Lot 6 in Block 1, Fairview addition to Dallas; (4) on the west side of Hayter Street, adjoining Lots 1 and 2 in Block 20 in Ellis Addition to Dallas; (5) on the west side of Hayter Street adjoining Lots 3 and 4 in Block 20 Ellis Addition to Dallas; (6) on the west side of Hayter Street adjoining Lots 5 and 6, Block 20 Ellis Addition to Dallas; (7) on the East side of the county road adjoining Lot 1 Block 1, Germantown Addition to Dallas; (8) on the East side of the county road adjoining Lot 3, Block 2 Germantown addition to Dallas; (9) on the East side of the county road adjoining Lot 4, Block 2 Germantown addition to Dallas; (10) on the East side of the county road leading from Dallas to Salem, adjoining that piece or parcel of land described as beginning 340½ feet N. 21 degrees E. from where Dallas and Salem County road intersects the S. line of Old Dallas Townsite; thence E. 216 feet; thence N. 108 feet; thence W. 173 feet; thence S. 21 degrees W. 119½ feet to place of beginning; all of the above described lands being in Dallas, Polk County, Oregon.

That the said sidewalks will be constructed of lumber at the time and in the manner to be hereafter prescribed by said Ordinance.

That the cost of said sidewalk will be assessed to the above described property fronting and abutting thereon.

That the City council will sit in the council chamber in said city on the 2d day of November, 1908, at 7:30 o'clock in the evening, to hear and determine objections and remonstrances thereto, if any there be; and that all owners and other persons in interest may attend at said time and place and show cause, if any they have, why said sidewalks should not be constructed.

Done by order of the city council of the city of Dallas made on the 19th day of October, A. D. 1908.

Witness my hand and the official seal of the said city of Dallas, this 22d day of October, 1908.

L. D. BROWN,
(Seal) Auditor and Police Judge of the City of Dallas, Oregon.

INDEPENDENCE & MONMOUTH Railway.

FROM INDEPENDENCE.

FOR DALLAS.

Train No. 64. Leave Independence daily, 6:00 a. m.; lv. Monmouth, 6:15 a. m.; ar. Dallas, 6:40 a. m.

Train No. 68. Leave Independence, daily, 10:30 a. m.; lv. Monmouth, 11:05 a. m.; ar. Dallas, 11:30 a. m.

Train No. 70. Leave Independence, daily, 6:15 p. m.; lv. Monmouth, 6:30 p. m.; ar. Dallas, 6:55 p. m.

FOR AIRLIE.

Train No. 67. Leave Independence, daily, 7:30 a. m.; lv. Monmouth, 7:40 a. m.; ar. Airlie, 8:12 a. m.

Train No. 73. Leave Independence, daily, 3:30 p. m.; lv. Monmouth, 3:50 p. m.; ar. Airlie, 4:25 p. m.

FOR MONMOUTH ONLY.

Leave Independence, daily, 2:30 p. m.

No. 101 arrives Monmouth 7:20 a. m.

FROM DALLAS.

FOR INDEPENDENCE.

Train No. 65. Leave Dallas, daily ex. Sunday, 8:30 a. m.; lv. Monmouth, 8:55 a. m.; ar. Independence, 9:15 a. m.

Train No. 101. Lv. Dallas, Sunday only, 6:55 a. m.; ar. Independence, 7:30 a. m.

Train No. 69. Leave Dallas, daily, 1 p. m.; lv. Monmouth, 1:25 p. m.; ar. Independence, 1:40 p. m. (This train connects at Monmouth for Airlie.)

Train No. 71. Leave Dallas, daily, 7:35 p. m.; lv. Monmouth, 8 p. m.; ar. Independence, 8:15 p. m.

FROM AIRLIE.

Train No. 66. Leave Airlie, daily, 9 a. m.; lv. Monmouth, 9:35 a. m.; ar. Independence, 9:50 a. m. (This train connects at Monmouth for Dallas.)

Train No. 72. Leave Airlie, daily, 3:08 p. m.; lv. Monmouth, 3:40 p. m.; ar. Independence, 3:55 p. m.

Train No. 100 leaves Airlie 4:45 p. m. SUNDAY ONLY arrives Monmouth 5:20 p. m. arrives Independence 5:30 p. m.

FROM MONMOUTH ONLY.

Leave Monmouth for Independence, daily at 2:00 p. m.

THE PENALTY OF OVERWORK

Many Dallas Readers Find Toil A Daily Burden.

The heavy tax of overwork—the strain upon the back that is so common to many trades and occupations, is too great. The kidneys begin to fail in their work, and there is a double danger to health. The poisonous matter collects in the system, and the kidneys themselves begin to break down. Pain in the back is only a warning of trouble in the kidneys. An inflammation has set in, and a disordered condition of the urine soon becomes apparent. Too much or too little urine, with a constant desire to void the secretions; any noticeable deviation from the normal color; the appearance of a sandy sediment, proves a disordered condition of the kidneys that needs quick attention. If your work seems hard for you, if you have a lame, weak or aching back, if you seem tired and listless, and seem to be running down without apparent cause, begin at once with Doan's Kidney Pills, the great kidney remedy that has cured so many of your neighbors. It has given thousands of working men and women strong, sound backs for their daily work.

Home proof is convincing evidence of the efficiency of Doan's Kidney Pills. Call at Belt & Cherrington's drug store and ask to see statements of Dallas people who have used this remedy.

For sale by all dealers. Price 50 cents. Foster-Milburn Co., Buffalo, New York, sole agents for the United States.

Remember the name—Doan's—and no other.

How's This!

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Props., Toledo, O.

We the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

WEST & TRUAX, Wholesale Druggists, Toledo, O.
WALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c. per bottle. Sold by all Druggists. Testimonials free.

Hall's Family Pills are the best.

TOWER'S FISH BRAND WATERPROOF OILED CLOTHING

looks better - wears longer - and gives more bodily comfort because cut on large patterns, yet costs no more than the 'just as good' kinds

SUITS $3.00 SLICKERS $3.00

SOLD EVERYWHERE

Every garment bearing the sign of the fish guaranteed waterproof

TOWER'S FISH BRAND

CATALOG FREE

A. J. TOWER CO. BOSTON U.S.A. TOWER CANADIAN CO. LIMITED TORONTO, CAN.

KILL THE COUGH AND CURE THE LUNGS

WITH Dr. King's New Discovery

FOR COUGHS COLDS PRICE 50c & $1.00. Trial Bottle Free

AND ALL THROAT AND LUNG TROUBLES.

GUARANTEED SATISFACTORY OR MONEY REFUNDED.

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109 SECOND STREET PORTLAND OREGON

The Secret of a Beautiful Face lies in keeping the skin protected as well as cleansed. Just washing is not enough—that only leaves the delicate surface more exposed to the irritation of dust and germs; to merciless attacks of sun and weather. After washing, apply Robertine and experience its delightful refreshment. You will admire the line-less softness it imparts to face, neck and arms. It not only stimulates a radiant glow, but protects the skin from becoming coarse. Prevents burning, tan and freckles.

Ask your Druggist for a free sample and—TRY

ROBERTINE

WINTER COLDS you need not fear them if you use BALLARD'S HOREHOUND SYRUP

A cough or cold is generally a forerunner of many serious sick spells. It should not be neglected, the human breathing system is a combination of tubes and cells, which must be kept in order to insure good health.

Ballard's Horehound Syrup

CURES COUGHS, COLDS, BRONCHITIS, WHOOPING COUGH, CROUP AND ALL PULMONARY DISEASES.

Cured of a Chronic Cough.

J. H. Ellis, Butte, Mont., writes: "I cheerfully recommend Ballard's Horehound Syrup to all people afflicted with chronic coughs. I suffered for years with a chronic cough which would last all winter. Ballard's Horehound Syrup effected an immediate and permanent cure."

25c, 50c and $1.00.

Ballard Snow Liniment Co.

500-502 North Second Street, ST. LOUIS, MO.,

Sold and Recommended by

STAFRIN DRUG COMPANY

CONSTIPATION

You have tried all kinds of pills, waters and cathartics for Constipation and Liver Complaint. Now get the REAL Cure. Take NR Tablets and see how much better they are. See the difference in results. Their action is never attended by that all-gone-sick sensation—they make you feel better the minute you take them. They brace you up and put new life in you, make you feel stronger and better, because they are made to regulate the entire digestive system. One dose will convince you. Get a 25c Box.

BETTER THAN PILLS FOR LIVER ILLS.

The A. H. Lewis Medicine Co., St. Louis, Mo.

NR Nature's Remedy NR

REG. U.S. PAT. OFFICE

NR-TABLETS-NR

BELT & CHERRINGTON, Dallas, Oregon.

FRIEND TO FRIEND.

The personal recommendations of people who have been cured of coughs and colds by Chamberlain's Cough Remedy have done more than all else to make it a staple article of trade and commerce over a large part of the civilized world.

AN INSTANCE.

Lucy Suddreth, of Lenoir, N. C., had been troubled with a very bad cough for over a year. She says: "A friend bought a bottle of CHAMBERLAIN'S COUGH REMEDY, brought it to me and insisted that I should take it. I did so and to my surprise it helped me. Four bottles of it cured me of my cough."

THE KING OF CURES

DR. KING'S NEW DISCOVERY

FOR COUGHS AND COLDS

AND ALL THROAT AND LUNG DISEASES . . . . . PREVENTS PNEUMONIA AND CONSUMPTION

"Two years ago a severe cold settled on my lungs and so completely prostrated me that I was unable to work and scarcely able to stand. I then was advised to try Dr. King's New Discovery, and after using one bottle I went back to work, as well as I ever was."

W. J. ATKINS, Banner Springs, Tenn.

PRICE 50c AND $1.00

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BELT & CHERRINGTON, Dallas, Oregon

THE NEW IDEA KENNEDY'S Moves the Bowels THE ORIGINAL LAXATIVE LAXATIVE Best for Children COUGH SYRUP HONEY AND TAR Red Clover Blossom on Every Bottle

For Sale by Druggists.

FOLEY'S KIDNEY CURE

Will cure any case of Kidney or Bladder Disease not beyond the reach of medicine. No medicine can do more.

Cures Backache
Corrects Irregularities
Do not risk having Bright's Disease or Diabetes

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